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10/624,401	07/22/2003	Jasminka Dizdarevic	C02-0053-000	6809

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EXAMINER

PHAN, HUY Q

ART UNIT PAPER NUMBER

2687

DATE MAILED: 07/21/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/624,401

Applicant(s)

DIZDAREVIC ET AL.

Examiner

Huy Q. Phan

Art Unit

2687

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1-14 are rejected under 35 U.S.C. 102(e) as being anticipated by Ahn et al. (US-6,681,111).

Regarding claim 1, Ahn et al. disclose the a method, comprising the steps of:
receiving a registration request to access a first communications network (CDMA system 100) (col. 5, lines 17-37; for more details see figs. 2-3 and their descriptions);
and

routing the registration request to a second communications network (GSM system 200) (col. 5, line 38-col. 6, line 45), the routing of the registration request based upon an International Mobile Subscriber Identity number associated with a subscriber (col. 5, lines 17-37), wherein the International Mobile Subscriber Identity number allows the subscriber to register with the first communications network (col. 4, line 65-col. 5, line 6; for more details see figs. 1-3 and their descriptions).

Regarding claim 2, Ahn et al. disclose the method according to claim 1, wherein the first communications network operates using a Time Division Multiple Access signaling standard, and the second communications network operates using a Global System for Mobile communications signaling standard.

Regarding claim 3, Ahn et al. disclose the method according to claim 1, wherein the first communications network operates using a Code Division Multiple Access signaling standard (CDMA system 100) (see figs. 1-3 and their descriptions), and the second communications network operates using a Global System for Mobile communications signaling standard (GSM system 200) (see figs. 1-3 and their descriptions).

Regarding claim 4, Ahn et al. disclose the method according to claim 1, wherein the step of routing the registration request comprises routing the registration request based upon a Mobile Subscriber Identification Number (col. 5, lines 1-13 and col. 7, lines 1-29), the International Mobile Subscriber Identity number comprising the Mobile Subscriber Identification Number (col. 5, lines 7-13; for more details see figs. 4-6 and their descriptions).

Regarding claim 5, Ahn et al. disclose a method (see figs. 1-3 and their descriptions), comprising the steps of:

receiving a registration request at a mobile switching center (MSC 130) (col. 5, lines 17-37), the registration request from a subscriber to a Global System for Mobile communications network (col. 5, line 38-col. 6, line 45), the mobile switching center operating in at least one of a Time Division Multiple Access communications network and a Code Division Multiple Access communications network (MSC 130 of CDMA system 100) (col. 5, lines 17-37; for more details see figs. 2-3 and their descriptions);

forwarding the registration request to a Signaling Transfer Point (IRGS 300; for more details see col. 3, line 61-col. 4, line 44) (col. 5, lines 17-37); and

routing the registration request to a Home Location Register (col. 5, lines 17-37), the routing of the registration request based upon a Mobile Subscriber Identification Number associated with the subscriber (col. 5, lines 1-13 and col. 7, lines 1-29), wherein the Mobile Subscriber Identification Number allows at least one of the Time Division Multiple Access communications network and the Code Division Multiple Access communications network (col. 5, lines 17-37) to access a subscription profile stored on the Home Location Register (col. 4, line 65-col. 5, line 6; for more details see figs. 2-3 and their descriptions).

Regarding claim 6, Ahn et al. disclose the method according to claim 5, wherein the step of routing the registration request comprises routing to the Home Location Register (HRL 220) operating in the Global System for Mobile communications network (GSM system 200) (col. 5, line 38-col. 6, line 45; see figs. 1-3 and their descriptions).

Regarding claim 7, Ahn et al. disclose the method according to claim 5, wherein the step of routing the registration request comprises using global title translation in a signaling message (col. 5, lines 1-13 and col. 7, lines 1-29), the global title translation comprising the mobile subscriber identification number (col. 7, lines 8-15).

Regarding claim 8, Ahn et al. disclose the method according to claim 5, wherein the step of routing the registration request comprises routing to a signaling interface with the Global System for Mobile communications network, the signaling interface enabling access to the Global System for Mobile communications network (col. 5, line 17-col. 6, line 45; see figs. 1-3 and their descriptions).

Regarding claim 9, Ahn et al. disclose the method according to claim 5, further comprising the step of mapping the Mobile Subscriber Identification Number to the Home Location Register (col. 5, lines 7-13; for more details see figs. 4-6 and their descriptions).

Regarding claim 10, Ahn et al. disclose the method according to claim 5, further comprising the step of mapping the Mobile Subscriber Identification Number to a signaling interface of the Global System for Mobile communications network (col. 5, lines 7-13; for more details see figs. 4-6 and their descriptions).

Regarding claim 11, Ahn et al. disclose a method (col. 5, lines 1-13 and col. 7, lines 1-29; see figs. 1-8 and their descriptions), comprising the steps of:

receiving a registration request at a mobile switching center (MSC 230) in a Global System for Mobile communications network (GSM system 200), the registration request from a native subscriber (col. 5, lines 17-37), the native subscriber having at least one of i) communications service activated in a Time Division Multiple Access communications network and ii) communications service activated in a Code Division Multiple Access communications network (col. 5, lines 17-37);

forwarding the registration request to a Signaling Transfer Point (IRGS 300; for more details see col. 3, line 61-col. 4, line 44) (col. 5, lines 17-37); and

routing the registration request to a Home Location Register (col. 5, line 1-col. 6, line 45), the routing of the registration request based upon a Mobile Subscriber Identification Number associated with the native subscriber (col. 5, lines 1-13 and col. 7, lines 1-29), wherein the Mobile Subscriber Identification Number allows the Global System for Mobile communications network to access a subscription profile associated with the native subscriber (col. 5, lines 1-13 and col. 7, lines 1-29).

Regarding claim 12, Ahn et al. disclose the method according to claim 11; wherein the step of routing the registration request comprises routing to the Home Location Register (HLR 220) operating in the Global System for Mobile communications network (GSM system 200) (col. 5, line 38-col. 6, line 45).

Regarding claim 13, Ahn et al. disclose the method according to claim 11, wherein the step of routing the registration request comprises mapping the Mobile Subscriber Identification Number to a signaling point code associated with the Home Location Register (col. 5, lines 1-13 and col. 7, lines 1-29; see figs. 4-8 and their descriptions)).

Regarding claim 14, Ahn et al. disclose the method according to claim 11, further comprising the step of mapping the Mobile Subscriber Identification Number to the Home Location Register (col. 5, lines 1-13 and col. 7, lines 1-29; see figs. 4-8 and their descriptions).

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 15-16 are rejected under 35 U.S.C. 102(b) as being anticipated by Rochefort (WO 00/56112).

Regarding claim 15, Rochefort discloses a method (fig. 1 and abstract), comprising the steps of:

receiving a registration request at a Signaling Transfer Point (mobile gateway 20) in a Time Division Multiple Access communications network (page 5, lines 7-16); and

routing the registration request from the Signaling Transfer Point to a Home Location Register operating in a Global System for Mobile communications network (GSM HLR 52) (page 5, lines 17-18), the routing of the registration request based upon a mobile subscriber identification number associated with a subscriber to the Global System for Mobile communications network (col. 9, lines 17-26), wherein the mobile subscriber identification number allows the Time Division Multiple Access communications network to access a subscription profile stored on the Home Location Register operating in the Global System for Mobile communications network (page 5, line 17-page 6, line 28).

Regarding claim 16, Rochefort discloses the method according to claim 15, wherein the step of routing the registration request comprises sending a signaling message (*the insert subscriber data message*) from the Signaling Transfer Point (mobile gateway 20), the signaling message comprising the mobile subscriber identification number (*subscriber profile data*) in a global title to the signaling message (*the insert subscriber data message*).


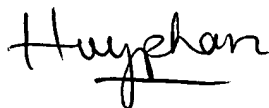
Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huy Q Phan whose telephone number is 571-272-7924. The examiner can normally be reached on 8AM-6PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kincaid G Lester can be reached on 571-272-7922. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


SONNY TRINH
PRIMARY EXAMINER

Examiner: Phan, Huy Q.

AU: 2687

Date: 07/08/2005